

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5297-02

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California Type Evaluation Program
Certificate of Approval
for Water Dispensers

For:

Water Vending Dispenser
Models: NWV-1V, NWV-2V, NWV-3V,
and NWV-4V (Optional MDB Suffix)*
ABB C700 Water Meter with B Pulser
Controller Model: ROCO, Version 5.8V

Submitted by:

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Standard Features and Options

Model NWV-1V: Electronically calibrated
Coin acceptor
Totalizer

Model NWV-2V: Same as NWV-1V except this is a double dispenser, single cabinet

Model NWV-3V: Wall unit without internal filtration
Electronically calibrated
Push to vend button
Coin return button
Sold-out light
Use exact change light
Totalizer

Model NWV-4V: Same as NWV-1V and NWV-2V, different cabinet style

Option: * When the suffix –MDB is added to the model number, the dispenser is equipped with a multiple drop buss coin/cash acceptor which allows tokens. The Roco controller software is version 5.8K for this feature.

Note: Money-operated type devices shall clearly and conspicuously display adequate information detailing the method for the return of monies paid when the product or services cannot be obtained. This information shall include the name, address, and telephone number of the ***local*** servicing agency for the device.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: March 8, 2002

Mike Cleary, Director

**National Water Vendors
Water Vending Dispenser
Models: NWV-1V, NWV-2V, NWV-3V, and NWV-4V**

Application: Approved for use as a metered water vending dispenser.

Identification: The identification plate is securely attached to the lower front panel of the device and contains the required information.

Sealing: The ABB water meter with B pulser (Certificate of Approval Number 5100(a)-01), located inside the dispenser cabinet, has provisions for a wire security seal. The ROCO controller board and sealable enclosure are located inside the dispenser cabinet. Drilled head screws secure a panel cover to the main controller board enclosure, preventing access to the main controller board.

Operation: The Models NWV-1V, NWV-2V, NWV-3V, and NWV-4V are cash/coin-operated water dispensers designed to deliver water based on the amount of cash/coins deposited. The ABB water meter has a totalizer indicating total gallons delivered through the system.

Test Conditions: An NWV-1V water dispenser was installed at a location. The emphasis of the evaluation was on identification, design, accuracy, and permanence. Multiple accuracy tests were performed at one through five gallon deliveries with various money denominations and verified for proper change returned. The dispenser was put into service and the same tests were repeated 30 days later. The NWV-2V, NWV-3V and NWV-4V were added based on testing of the NWV-1V and information provided by the manufacturer.

Results of the evaluation indicate the devices comply with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2002 Edition

Tested By: D. Reiswig (CA), G. Mukai (CA)